



## ABSTRACT

Method, computer program, system and apparatus for operating system dynamic event management and task scheduling using function calls. Method, computer program product, and system for non-preemptively scheduling tasks in a computer system. Scheduler and scheduling method that schedules tasks that are broken into a number of short actions, without preempting the actions as they are executed and without assigning a priority to tasks. Invention decreases the overhead as compared to existing methods and systems.